

IN THE CLAIMS

Please amend the claims as follows:

CLAIMS:

What is claimed is:

1. (Previously Presented) A method for updating software on a data processing system having a root device and a back-off device which is a mirror of the root device, the method comprising:

executing a preparation function on the data processing system by presenting a user with at least one configuration question and storing a response to the at least one configuration question as a configuration data;

responsive to a determination that the preparation function completed successfully, breaking a root mirroring function of the data processing system such that changes to the root device do not affect the back-off device;

determining whether the data processing system can boot from the back-off device, and responsive to a determination that the data processing system cannot boot from the back-off device, determining a reason for the inability of the data processing system to boot from the back-off device;

upgrading the root device of the data processing system;

responsive to a determination that the upgrading was successful, remirroring the root device by setting a volume manager to use plexes on the back-off device as source plexes of volumes and rebooting the data processing system using the back-off device; and

responsive to a determination that the upgrading the root device of the data processing system was unsuccessful, recovering an original state of the root device using the back-off device.

2. (Canceled)

3. (Canceled)

4. (Canceled)
5. (Canceled)
6. (Previously Presented) The method as recited in claim 1, further comprising:
overlaying data in the managed file systems on the root device using data from the back-
off device.
7. (Original) The method as recited in claim 1, wherein the data processing system
is a server.
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Previously Presented) A computer program product embodied in a computer readable media for updating software in a data processing system having a root device and a back-off device which is a mirror of the root device, the computer program product having executable program codes for performing the steps of:

executing a preparation function on the data processing system by presenting a user with at least one configuration question and storing a response to the at least one configuration question as a configuration data;

responsive to a determination that the preparation function completed successfully, breaking a root mirroring function of the data processing system such that changes to the root device do not affect the back-off device;

determining whether the data processing system can boot from the back-off device, and responsive to a determination that the data processing system cannot boot from the back-off device, determining a reason for the inability of the data processing system to boot from the back-off device;

upgrading the root device of the data processing system;

responsive to a determination that the upgrading was successful, remirroring the root device by setting a volume manager to use plexes on the back-off device as source plexes of volumes and rebooting the data processing system using the back-off device; and

responsive to a determination that the upgrading the root device of the data processing system was unsuccessful, recovering an original state of the root device using the back-off device.

23. (Previously Presented) The computer program product of claim 22, wherein the executable program codes further perform the step of overlaying data in the managed file systems on the root device using data from the back-off device.

24. (Previously Presented) The computer program product of claim 22, wherein the data processing system is a server.